

Title (en)  
Seal for bearing

Title (de)  
Lagerdichtung

Title (fr)  
Joint pour palier

Publication  
**EP 0942187 A1 19990915 (EN)**

Application  
**EP 99104926 A 19990311**

Priority  
JP 6291998 A 19980313

Abstract (en)  
A seal device (10a) which can prolong the intervals between overhauls by preventing entry of gas into a bearing. A seal cap (11) having a first opening (14) sized to receive a motor shaft (4) and a second opening (15) sized to cover at least a bearing (6a,6b). Grease (12) is poured into the cap (11), and the first opening (14) is sealed by an O-ring (13). This prevents entry of gas into the bearing (6a,6b), thereby prolonging intervals between overhauls. <IMAGE>

IPC 1-7  
**F16C 33/76**

IPC 8 full level  
**F16C 33/72** (2006.01); **F16C 33/76** (2006.01); **F16J 15/40** (2006.01)

CPC (source: EP)  
**F16C 33/76** (2013.01)

Citation (search report)

- [Y] DE 1834810 U 19610713 - HEDDERGOTT KARL DR ING [DE]
- [Y] WO 9635254 A1 19961107 - PACKAGING CORP AMERICA [US]
- [A] US 3784471 A 19740108 - KAISER R
- [A] GB 655577 A 19510725 - SUTCLIFFE RICHARD LTD

Cited by  
CN1299010C; FR2960027A1; US8944406B2

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0942187 A1 19990915**; JP H11257497 A 19990921

DOCDB simple family (application)  
**EP 99104926 A 19990311**; JP 6291998 A 19980313